

SEWAGE TREATMENT SYSTEM INSPECTION CHECKLIST

For use of this form, see TM 5-697; the proponent agency is COE.

SECTION A - CUSTOMER DATA

| | | |
|-------------------|-----------------------|--------------------|
| 1. PLANT | 2. LOCATION | 3. JOB NUMBER |
| 4. EQUIPMENT | 5. SYSTEM DESIGNATION | 6. DATE (YYYYMMDD) |
| 7. TEST EQUIPMENT | | 8. TESTED BY |

SECTION B - EQUIPMENT DATA

| | | | |
|-----------------------------|--------------|---------------|---------------------|
| 9. SEPTIC TANK MANUFACTURER | 10. MODEL NO | 11. SERIAL NO | 12. FLOW RATING GPD |
| 13. PUMP MANUFACTURER | 14. MODEL NO | 15. SERIAL NO | 16. FLOW RATING GPM |
| 17. SLUDGE DIGESTER | 18. MODEL NO | 19. SERIAL NO | 20. FLOW RATING GPD |

SECTION C - VISUAL AND MECHANICAL INSPECTION

| 21. CHECK POINT | COND* | NOTES | CHECK POINT | COND* | NOTES |
|----------------------------------|-------|-------|---------------------------------|-------|-------|
| EXTERIOR OF EQUIPMENT | | | BRACING | | |
| COMPLETENESS OF ASSEMBLY | | | LABELING AND TAGGING | | |
| EQUIPMENT ROTATION | | | TIGHTNESS OF BOLTED CONNECTIONS | | |
| ELECTRICAL/MECHANICAL INTERLOCKS | | | LEAKS, LINE BLOCKAGES | | |
| SAFETY INTERLOCKS | | | WORKING SPACE | | |
| INSTRUMENTS | | | ANCHORAGE | | |
| PROPER GROUNDING | | | INSTALLATION AND LINE SLOPE | | |
| PROPER INSULATION | | | COMPARISON TO DRAWINGS | | |
| PROPER LUBRICATION | | | CONTROL SYSTEM | | |
| EQUIPMENT IDENTIFICATION | | | | | |

SECTION D - CALIBRATION AND SET POINT

| 22 | DESCRIPTION | NOTES |
|----------------------|-------------|-------|
| SENSORS | | |
| CONTROLLERS | | |
| ACTUATORS | | |
| FLOW METERS | | |
| MONITORING EQUIPMENT | | |
| SAMPLING EQUIPMENT | | |
| METERING PUMPS | | |

SECTION E - SYSTEM TESTS

| 23 | PASS | FAIL | COMMENTS | NOTES |
|-----------------------|------|------|----------|-------|
| FLOW | | | | |
| DIGESTER OFF GAS | | | | |
| EFFLUENT SAMPLE TESTS | | | | |
| SYSTEM TEST | | | | |

24. NOTES

*CONDITION: A=ACCEPTABLE; R=NEEDS REPAIR, REPLACEMENT OR ADJUSTMENT; C=CORRECTED; NA=NOT APPLICABLE